

**Remarks: Examination Report**

Claims 1-34 are pending in the application. Claims 1-24 and 31-34 were rejected. Claims 25-30 were allowed.

Claims 1-24 and 31-31 were rejected under 35 U.S.C. 101 because the claimed invention was allegedly directed to non-statutory subject matter.

Applicants have amended independent Claim 1, and consequently the dependent Claims 2-14 to recite a method for interference suppression, which falls well within the categories of patentable subject matter set forth in 35 U.S.C. 101. Applicants request reconsideration of Claims 1-14.

Claims 15-18 have been cancelled.

Regarding the rejection of Claims 19-24, Applicants contend that Claims 19-24 clearly recite that the invention addresses a method for interference suppression, which clearly falls within the statutory classes patentable under 35 U.S.C. 101. Applicants respectfully disagree with the examiner's findings that Claims 19-24 are signal claims, and request reconsideration.

Claims 31-33 recite that the invention is method of cancelling interference, which puts it into the category of inventions patentable under 35 U.S.C. 101. Applicants respectfully disagree with the examiner's findings that Claims 31-33 are signal claims, and request reconsideration.

Claim 34 was previously allowed, and recites that the invention is a method for cancelling interference, which puts it into the category of inventions patentable under 35 U.S.C. 101.

Applicants respectfully request reconsideration of amended Claim 1 (and dependent Claims 2-14), Claims 19-24 and Claims 31-34 since they believe the claims to be method claims which fall within the statutory classes patentable under 35 U.S.C. 101.

### **Conclusion**

Applicant has discussed all points raised in the Action. Applicants believe that all pending claims are in condition for allowance and such disposition is respectfully requested. In the event that a telephone conversation would further prosecution and/or expedite allowance, the Examiner is invited to contact the undersigned.

Respectfully submitted,

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